UNITED NATIONS **E**

Economic and Social Council

Distr.
LIMITED

E/CONF.90/L.1 (Abstract)
10 February 1997

ORIGINAL: ENGLISH

SIXTH UNITED NATIONS REGIONAL
CARTOGRAPHIC CONFERENCE FOR
THE AMERICAS
New York, 2-6 June 1997
Item 5 (e) of the provisional agenda*

REVIEW OF THE LATEST TECHNOLOGY IN CARTOGRAPHIC DATA ACQUISITION, MANIPULATION, STORAGE AND PRESENTATION, WITH SPECIAL EMPHASIS ON POTENTIAL APPLICATIONS IN DEVELOPING COUNTRIES: REMOTE SENSING IN CARTOGRAPHY

Integration of 3S Technologies; Remote Sensing, GIS and GPS

Paper submitted by the United Nations Secretariat**

Summary

The 3S technologies - remote sensing (RS), Geographic Information Systems (GIS) and the Global Positioning System (GPS) - are being highlighted in the new geoinformatics, a multidisciplinary science which includes the traditional disciplines of surveying, photogrammetry, cartography, geodesy, etc. This paper demonstrates the present and future applicability of an integrated system derived from a combination of two or all 3S technologies.

---

* E/CONF.90/1.

** Prepared by Shunji Murai, ISPRS First Vice-President, Institute of Industrial Science, University of Tokyo, and Lawrence W. Fritz, President of ISPRS, Lockheed Martin Corporation, as consultants to the United Nations.

97-03760 (E) 110297